

Djordjevic: Heavy Quark Energy Loss

Calculation of heavy quark energy loss due to gluon radiation induced by interactions in the medium

Bottom quarks lose less energy than charm quarks

Calculations of effects of electron R_{AA} are in progress

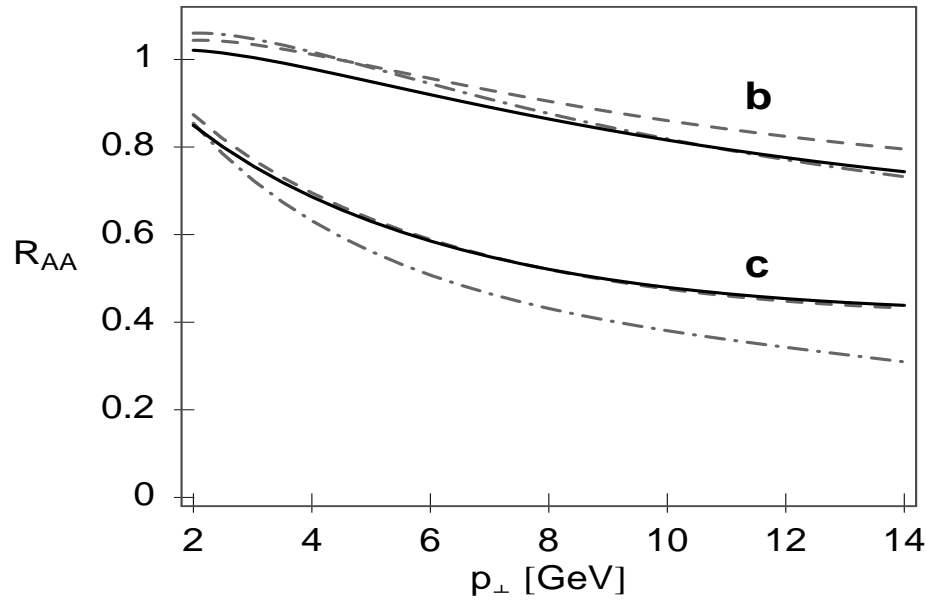


Figure 1: Calculation of charm and bottom quark suppression factor, R_{AA} . The solid curves show the RHIC results at $\sqrt{S_{NN}} = 200$ GeV while the other curves are for LHC energies.